

Hydra-Valve

Plug Valves

Project Location: Fulham

End Customer: National Grid

Project Description

An 18" Audco plug valve, on a 7 Bar inlet to a governor stream on a National Grid Holder Station failed to open in accordance with the legally binding pressure system regulations. National Grid removed the pneumatic valve actuator, fitted a manual gear box and attempted to operate the valve, the gear box broke under the strain.

Due to the cost and scale of a shut down of the holder station a solution was required that was safe to use on gas valves and that wouldn't affect the surrounding pipe work.

Hydra-Valve personnel were called in to see if we could solve the problem. Our solution was to use our HVL-VR Valve Operation System.

The valve was released within a few hours and a hand over to the National Grid personnel took place to confirm that the valve was now free to use with conventional valve tooling.

No intrusive drilling was required, therefore the integrity of the valve was not affected and the valve will now operate within the limits laid down in the pressure systems regulations.

Significant capital savings were made, with no disruption to supply or risk to the assets or the surrounding area.



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